



Amesbury Elementary School

Amesbury City Council Meeting June 9, 2020





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Agenda

Project Update



Project Update | Permitting

- Conservation Commission Hearing
 - March 2, 2020 continued to July 6, 2020
 - Currently in peer review process
- Planning Board Site Plan Review Hearing
 - March 9, 2020 continued to June 22, 2020
 - Currently in peer review process
 - Design team working with City to address comments from the Board & engineering peer reviewer

Project Update | Energy Committee Discussions

- Committee goals of reducing reliance on fossil fuel
 - AESBC evaluating future adaptation possibilities
 - All electric kitchen
 - HVAC distribution system compatibility with alternative energy source
- Building envelope design as it relates to energy consumption
 Existing building design meets and exceeds current standards for building type
- HVAC equipment and efficiency
 AES team exploring more efficient ERU and chiller system
- Other green considerations
 - Additional EVCS
 - Building infiltration testing
 - PV and energy storage

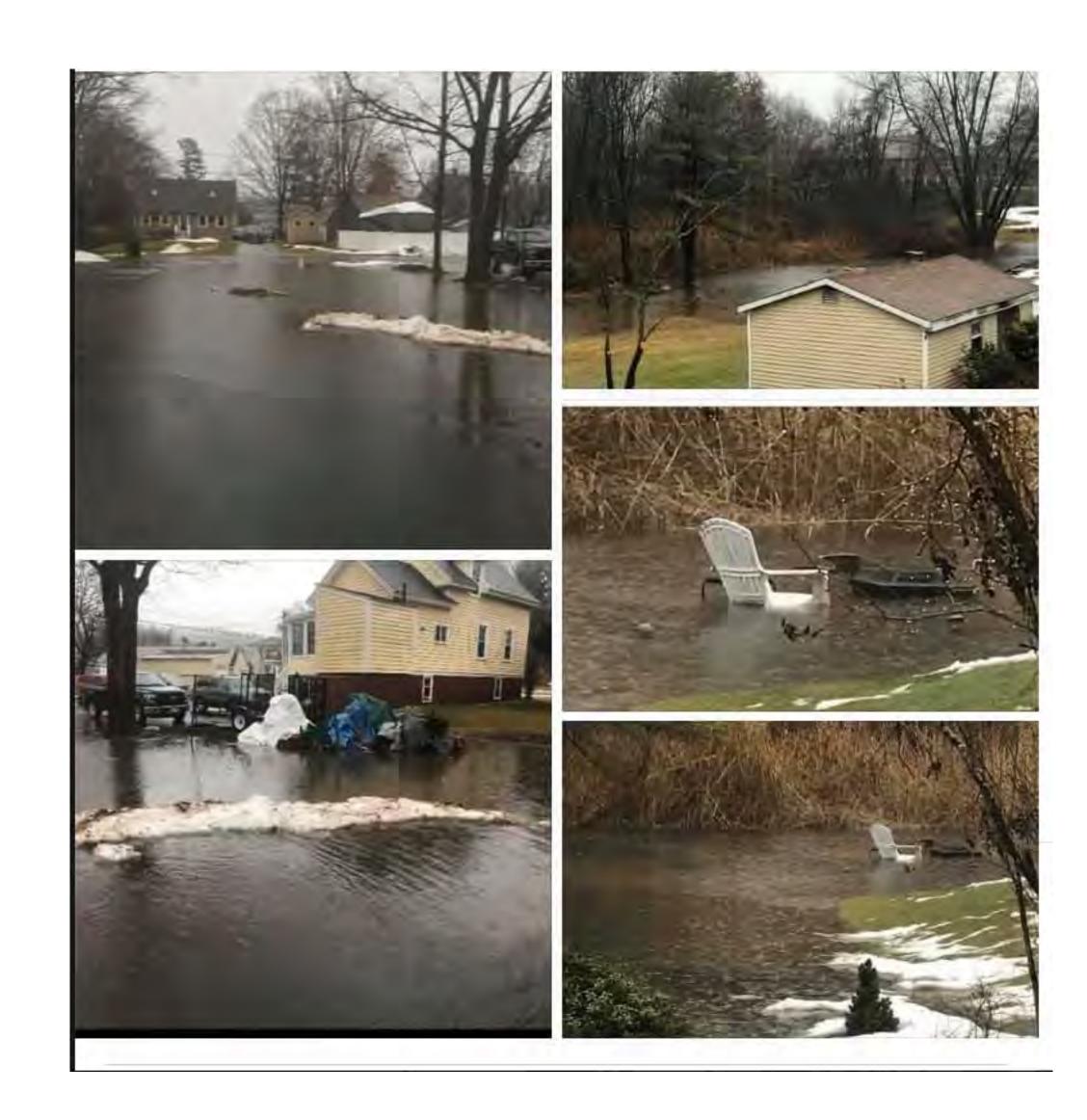
Project Update | 03/18/20 DPW Meeting

 Existing Downstream Flooding on Lindbergh Ave

DPW has confirmed that downstream flooding is associated with existing infrastructure capacity.

DPW has confirmed that changes to stormwater system on the Cashman site would have insignificant impact on existing downstream flooding.

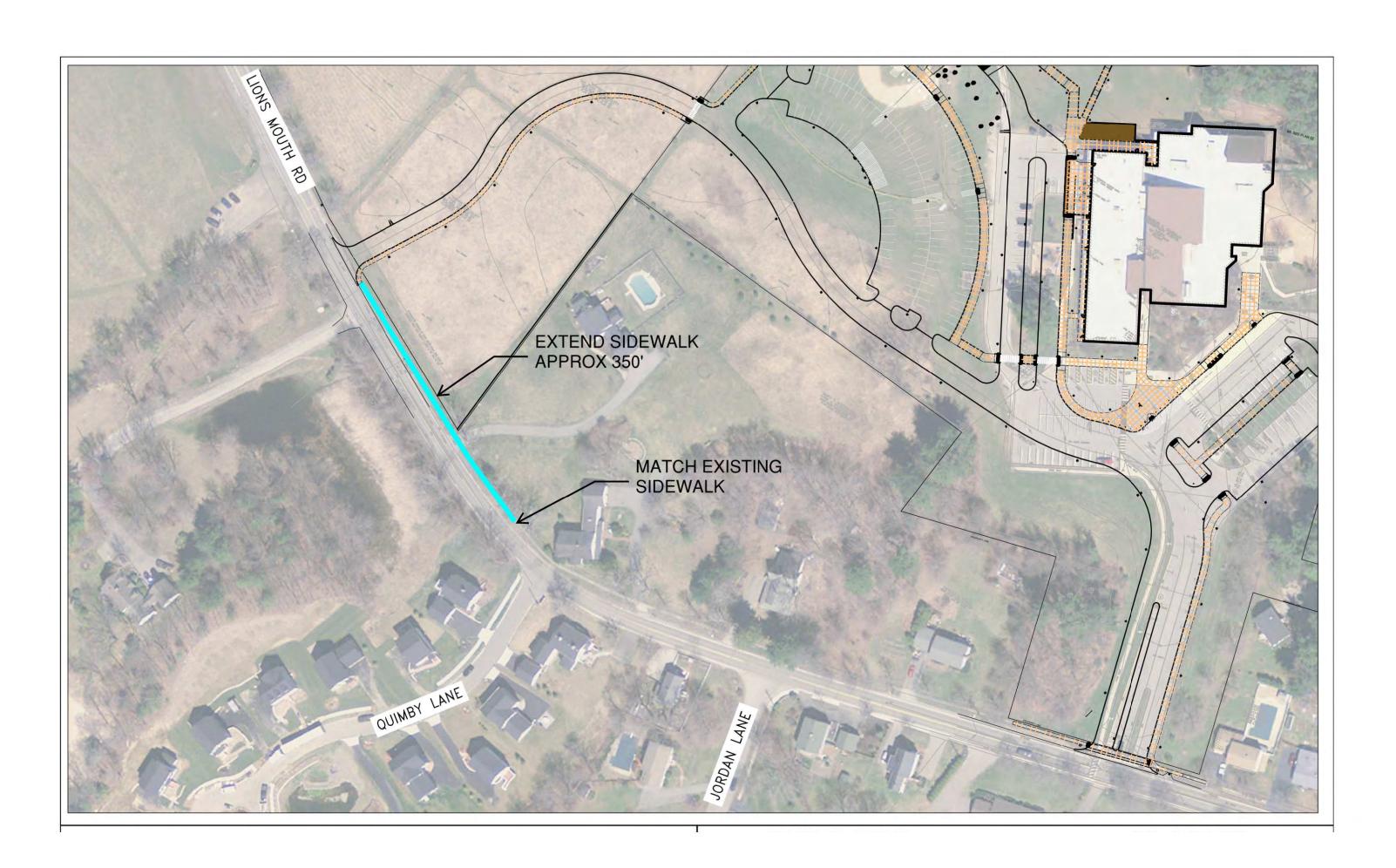
The AES Project is designed to comply with the stormwater management regulations and will not increase downstream flows



Project Update | 03/18/20 DPW Meeting

Sidewalk Extension on Lions Mouth Road

City to procure extension independent of, but in conjunction with, the AES project.



Proposed Site Plan

Proposed | Perspective View



Proposed | View of Main Entry



Proposed | View from Parking Lot



Proposed | Main Entry View Towards Cashman



Proposed | View From Playground



Proposed | View Towards Gym

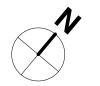


Proposed L Ground Floor Plan RECEIVING -STOREROOM MAIN ELEC RECYCLING . KINDERGARTEN **@**USTODIAI KINDERGARTEN KINDERGARTEN KINDERGARTEN 1,140 SF 1,140 SF 1,140 SF RISE JR. RISE 1,140 SF FREEZER KITCHEN COOLER KINDERGARTEN 1,140 SF DRY OFFICE STORAGE SERVERY SMALL ELEC STORAGE PROJECT AREA PROJECT AREA CUST GROUP AREA #LEVATO 90 SF 120 SF 200 SF CORRIDOR CORRIDOR CORRIDOR CORRIDOR CORRIDOR STAIR C -2,664 SF 2,664 SF 2,664 SF 2,664 SF LOWER LOBBY NETWORK RISE-SMALL ALCOVE PROJECT AREA STORAGE 75 SF STAFF STAFF PROJECT AREA TEACHER 180 SF GROUP LDINING 🚣 CAFETERIA WORKROOM 2,896 SF VESTIBUL# KINDERGARTEN 135 SF 1,140 SF PRE K LEGEND 1,140 SF PRE K RISE MOTOR RM KINDERGARTEN PRE K KINDERGARTEN 1,140 SF 670 SF 1,140 SF CLASSROOM PLATFORM 1,140 SF SPECIAL EDUCATION LIBRARY ART/MUSIC STAGE GYMNASIUM KITCHEN/CAFETERIA ADMINISTRATION BUILDING SERVICES CIRCULATION

Proposed First Floor Plan **GYMNASIUM** HE OFFICE 6,000 SF STORAGE PSYC. ADJ 175 SF COUN Q RD 225 SF LITERACY CLASSROOM **CLASSROOM** CLASSROOM CORRIDOR LIBRARY STUDENT SPED BCBA SPED 900 SF SUPPORT FACIL STORAGE 175 SF CONF 520 SF 115 SF CORRIDOR CORRIDOR DATA **RESOURCE** 85 SF ROOM 300 SF PROJECT AREA ELEC 100 SF 100 SF CORRIDOR CORRIDOR CORRIDOR CORRIDOR 3,169 SF 3,169 SF 3,169 SF BOYS TOILET TOILET STAFF LOBBY PROJECT AREA PROJECT AREA GENERAL OFFICE 50 SF 100 SF MUSIC **PRINCIPAL** DUPLICATE-1,200 SF PRACTICE ISN CLASSROOM 150 SF CORRIDOR 265 SF 1,200 SF LEGEND CLASSROOM CLASSROOM CUBS CLASSROOM CLASSROOM 900 SF 900 SF SPECIAL EDUCATION LIBRARY ART/MUSIC NURSE CHEEKWALLS, SEÈ STAGE LANDSCAPE DWGS SECT 050001-MISC & ORN IRSNI.
SEE LANDSCAPE DWGS GYMNASIUM KITCHEN/CAFETERIA ADMINISTRATION

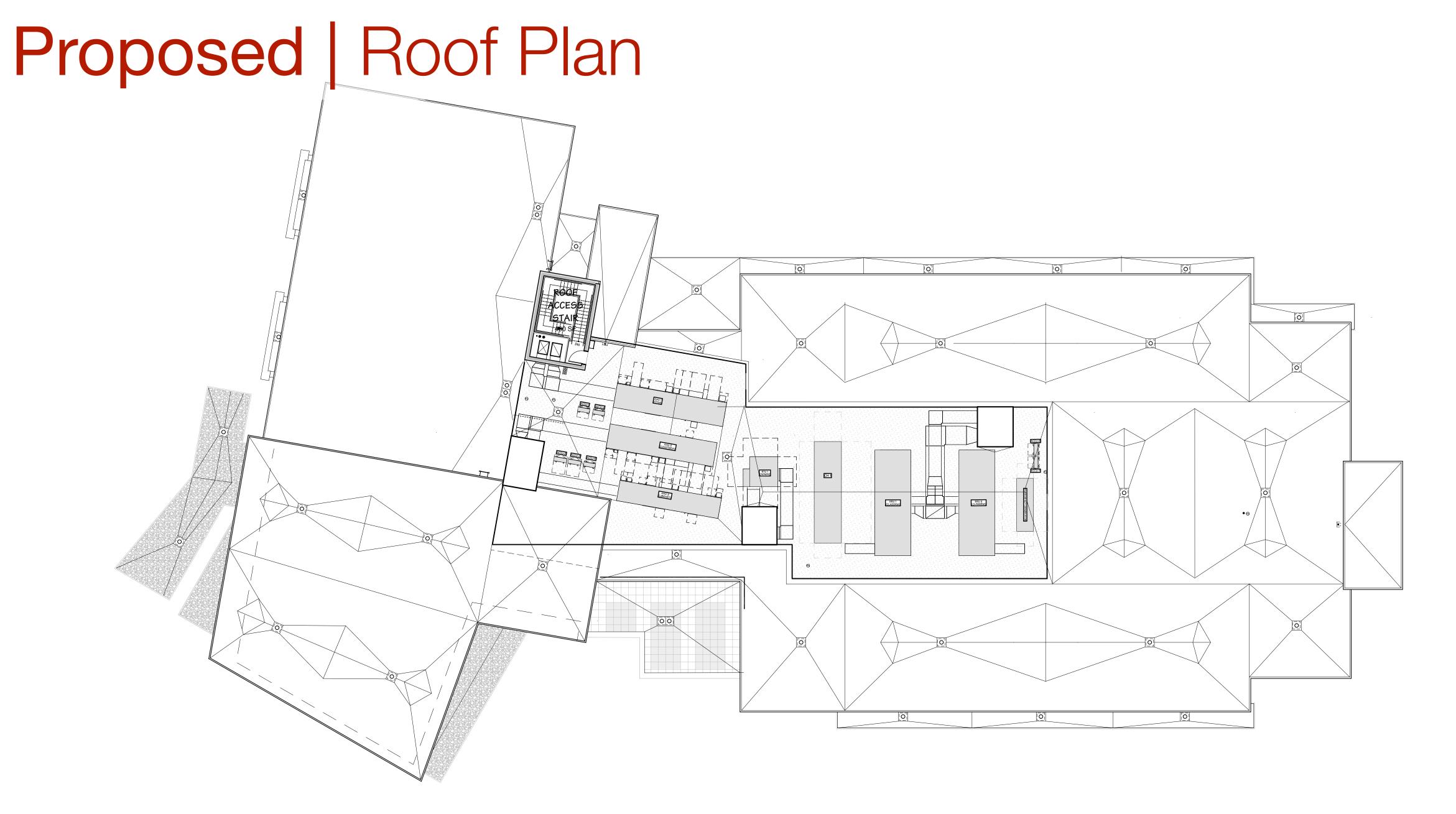
BUILDING SERVICES

CIRCULATION



Proposed Second Floor Plan ROOE ACCESS OPEN TO BELOW CLASSROOM CLASSROOM CLASSROOM CLASSROOM 900 SF STUDENT 900 SF NAS TITLE SUPPORT 1,200 SF 570 SF RESOURCE DATA ROOM PROJECT AREA PROJECT AREA 85 SF / EL 50 SF 100 SF 500 SF SMALL 530 SF ELEC GROUP 100 SF 175 SF CORRIDOR CORRIDOR CORRIDOR CORRIDOR CORRIDOR STAIR C 2,712 SF 2,712 SF 2,712 SF 2,712 SF UPPER TOILET BOYS STOR. STAFF LOBBY TEACHER GROUP 100 SF 1,175 SF DINING/ PROJECT AREA ART PROJECT AREA 50 SF 100 SF WORKROOM STOR STRG CUST 150 SÆ CLASSROOM LEGEND LANGUAGE 900 SF ART CENTER CLASSROOM CLASSROOM BASED 1,000 SF CLASSROOM 900 SF ENGINEERING PROGRAM SPECIAL EDUCATION LIBRARY ART/MUSIC STAGE GYMNASIUM KITCHEN/CAFETERIA ADMINISTRATION BUILDING SERVICES CIRCULATION









Lobby View From Admin Desk



Design Update | Lobby Feature Wall Options

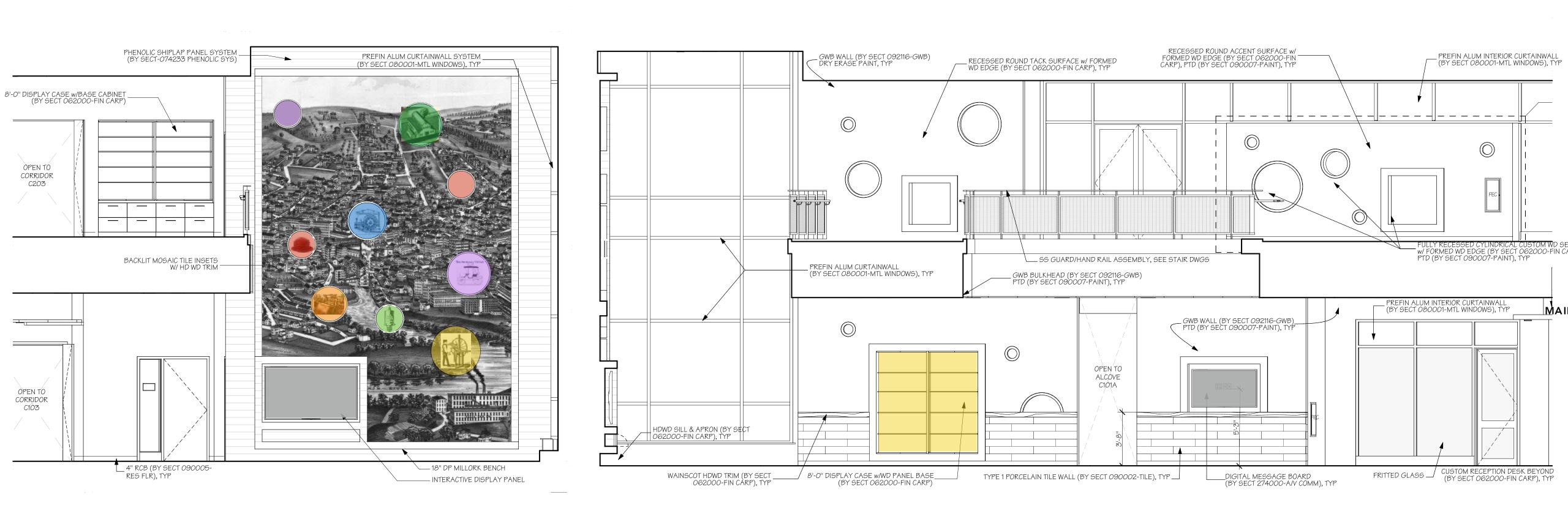


9 -Feature Wall - Mosaic Bubbles with Display and Cases



10 -Feature Wall - Mosaic Bubbles with Whiteboard and Case

Design Update | Lobby Feature Wall Option 9B



Cafeteria Entry / Elevator Lobby



Cafeteria





Media Center

















Project Schedule | Milestones & Next Steps

Agency Approvals

- Planning Board Approval Summer 2020
- Conservation Commission Order of Conditions Summer 2020

Bid Schedule

- Site Enabling Aug 2020 following Con Com OOC
- Full Construction October 14, 2020

Construction Schedule

- Oct Dec 2020 Site Clearing/Prep/Construct New Driveway
- Jan 2020 May 31, 2022 Building Construction
- June 1, 2022 July 31, 2022 Testing, Inspections, Commissioning
- August 1, 2022 Certificate of Occupancy

Schedule Summary

	Start	Finish										2020	•									202	21
			Fe			arch	Ap	ril	M	ay	June	July	2 2 40	Aug	Sep	Oct		Nov		De		Ja	
			3 10	17 24	2 9	16 23 30	6 13	20 27	4 11	18 25	1 8 15 22 29	6 13 20 27	3 10	17 24 31	7 14 21 28	5 12 19	7 26 2	2 9 16	23 30	/ 14 2	21 28	4 11 1	18 25
DD Submission to MSBA	10-Feb-20		•							i													
Construction Documents	11-Feb-20	9-Oct-20																					
60% CD Docs Complete	15-May-20																						
60% CD Cost Est./Reconciliation Complete	5-Jun-20									1													
Submit 60% CD Package to MSBA	15-Jun-20																						
Anticipated Completion of Regulatory Approvals/Appeal Period (PB and Con Com)	3-Aug-20												•										
90% CD Docs Complete	21-Aug-20													•									
90% Cost Est./Reconciliation Complete	11-Sep-20														•								
Submit 90% CD Package to MSBA	21-Sep-20									i					•								
Bid/Award/Mobilize-Early Site Package	Jul/Aug-20	17-Sep-20								1													
General and Filed Sub-bidder Prequalification	8-Jul-20	25-Sep-20								1													
Bid/Award/Mobilize-Main Bid Package	14-Oct-20	31-Dec-20								1													
Construction	18-Sep-20	29-Aug-22																					
Early Site Package Commence Work	18-Sep-20														•								
Early Site Package Complete	4-Dec-20									i									•				
Main Bid Package Mobilization	4-Jan-21									i													
Substantial Completion	31-May-22									I													
Occupancy	1-Aug-22									I													

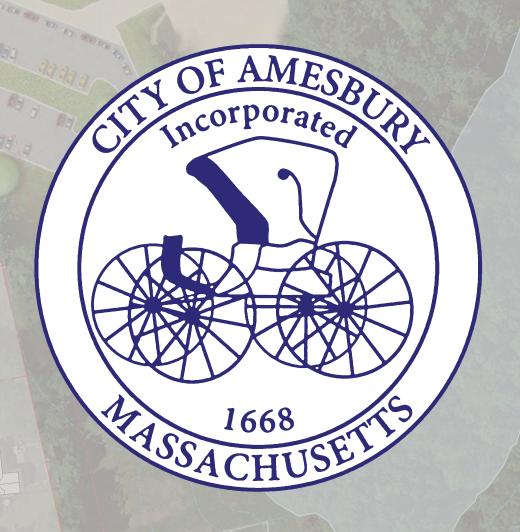






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